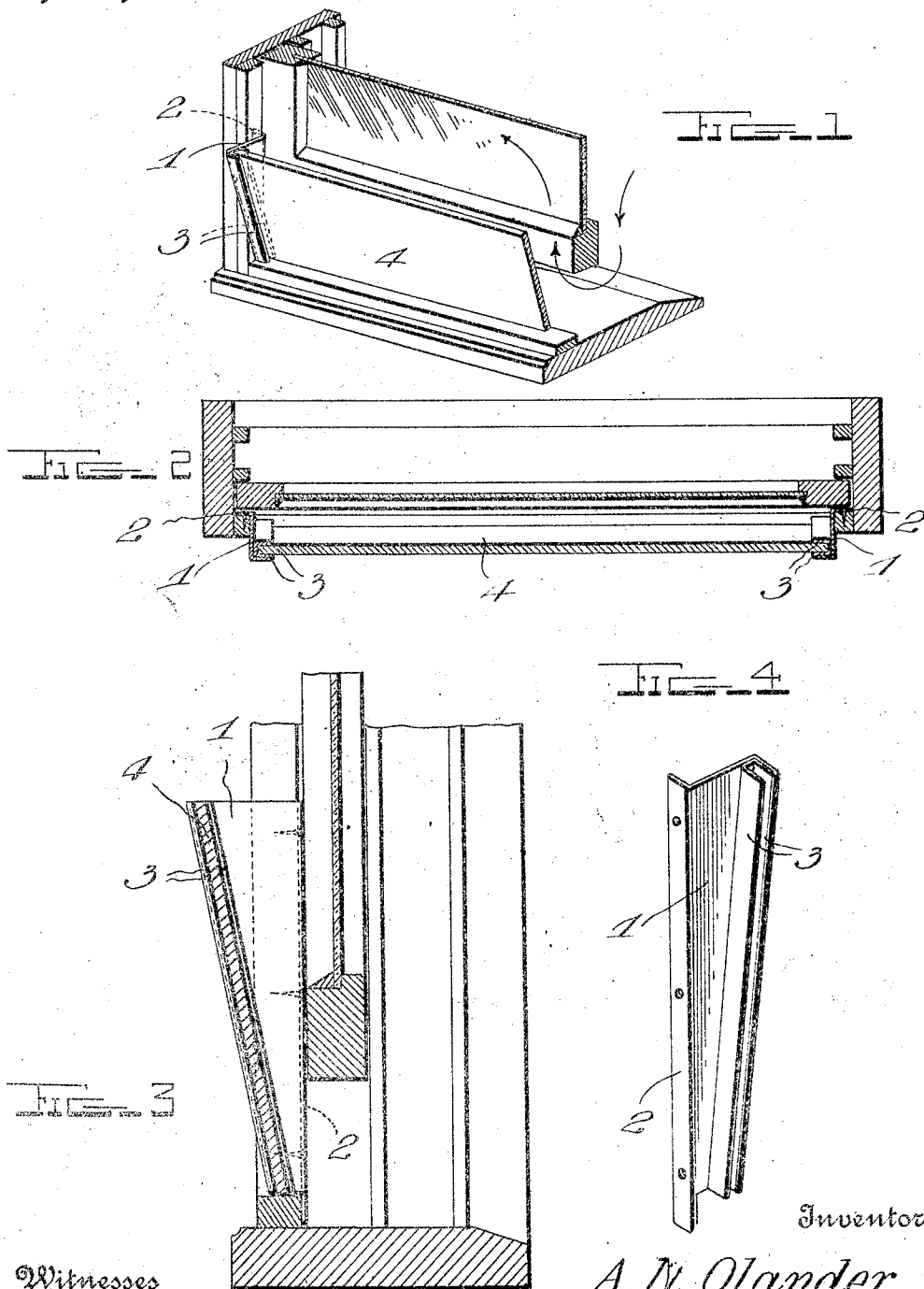


A. N. OLANDER.
 WINDOW VENTILATOR.
 APPLICATION FILED NOV. 20, 1911.

1,063,464.

Patented June 3, 1913



Witnesses

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UNITED STATES PATENT OFFICE.

ALFRED N. OLANDER, OF SALINA, KANSAS.

WINDOW-VENTILATOR.

1,063,464.

Specification of Letters Patent.

Patented June 3, 1913.

Application filed November 20, 1911. Serial No. 661,303.

To all whom it may concern:

Be it known that I, ALFRED N. OLANDER, a citizen of the United States, residing at Salina, in the county of Saline and State of Kansas, have invented certain new and useful Improvements in Window-Ventilators; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in window ventilators.

One object of the invention is to provide a ventilator of this character adapted to be applied to a window whereby when the window is open the air entering the same is deflected upwardly thus preventing direct drafts.

Another object is to provide a window ventilator which may be readily applied to any window and which will not interfere with the opening or closing thereof, thus permitting the window to be opened to a greater or less extent.

A further and important object of the invention is in the provision of a simple, practicable, and efficient device of the character described, whereby, the deflecting plate can be adjusted and held in a desired elevated position, allowing air to freely pass under the plate and directly into the room.

With these and other objects in view, the invention consists of certain novel features of construction, and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings; Figure 1 is a perspective view of the lower portion of a window showing the ventilator applied thereto; Fig. 2 is a horizontal sectional view thereof; Fig. 3 is a cross sectional view of the same; Fig. 4 is a detail perspective view of one of the side brackets of the ventilator.

My improved ventilator comprises end brackets 1 consisting of substantially triangular plates having on their outer vertical edges right angularly formed outwardly projecting attaching flanges 2 which are adapted to be secured to the outer faces of the inner strips of the window frame whereby the plates are supported and projected into the room, the lower ends of the flanges 2 being extended below the bottom of the triangular plates to fit against the inner

surface of a strip secured to the window sill. On the inner sides of the brackets 1 adjacent to their inclined outer edges are formed parallel guide flanges 3 parallel with the inclined outer edges of the brackets. The guide flanges 3 are preferably formed by bending the inner edges of the plates at right angles thereto, doubling back again to the plate, thence parallel with the plate and then again outwardly as shown. The lower ends of the plates 1 and the guide flanges 3 rest on the inner sill while the attaching flanges 2 are extended below the lower ends of the side plates and engage the offset portion of the outer edge of the inner sill as clearly shown in Fig. 3 of the drawing. When the brackets 1 are thus arranged, an air deflecting board or plate 4 is slipped downwardly between the guide flanges 3, said flanges holding the board or plate in an inclined position so that the air entering the window will be deflected upwardly by the board, thus preventing a direct draft.

By constructing and arranging the ventilator as herein shown and described the window may be opened to a greater or less extent, thus regulating the amount of air entering the room and it will also be noted that the ventilator does not in any way interfere with the operation of the window.

My improved ventilator may be attached to any form of sliding sash window without changing or altering the window frame in any manner.

My improved bracket may be sold as a new article of manufacture to be mounted by the buyer without requiring any skilled labor.

From the foregoing description taken in connection with the accompanying drawings the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as claimed.

Having thus described my invention, what I claim is;

A window ventilator comprising strips of metal cut to provide triangular shaped brackets each having its outer edge bent into the form of an inwardly opening U-shaped guide, said bracket having its inner edge

bent at right angles to the body of the bracket to provide an outwardly projecting attaching flange, each of said flanges having an angular depending extension to permit of its engagement with the inner face of the sill of the window frame, and a plate removably received in the U-shaped guides.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALFRED N. OLANDER.

Witnesses:

C. F. POHLHAMMER,
JNO. W. TITUS.